Patent Claims

1. A method for producing a ceiling (1) in a building, comprising the following steps:

a) fixing a lowermost plate-shaped ceiling element (2), which later remains in the structure, on the already completed walls (3);

b) supporting the plate-shaped ceiling element (2) in a closely spaced manner, by means of horizontal bars (5) on support elements (4);

c) optionally, placing insulation (7, 9) and/or heating coils (8) and/or an electric installation on the plate-shaped ceiling element (2);

d) filling a curable compound (13), thereon, such that the curing compound (13) also extends at least partially via the adjoining walls (3);

e) wherein the plate-shaped ceiling element (2) is penetrated by a plurality of preferably elongated anchoring parts (11), which extend upward from the ceiling element (2) up into the curable compound (13) and are fixed therein in a formfitting manner after the solidification of the curable compound (13).

f) wherein the elongated anchoring parts (11) have the shape of screws (11), whose free shaft ends (12) point upward during the installation;

g) the support elements (4) are removed after the curable compound (13) has been cured to form a supporting layer (10), while the elongated anchoring parts (11) remain in the building and hold the lowermost installed plate-shaped ceiling element (2) in position.

2. The method according to claim 1, wherein the elongated anchoring parts (11) have the shape of screws (11), whose free shaft ends (12) point upward during the installation, while their heads are accommodated in depressions of the plate-shaped ceiling element (2).

3. The method according to Claim 1 or 2, characterized in that the plate-shaped ceiling element (2) is aligned such that its upper side or the upper side of the uppermost insulation (7, 9), heating coils (8), and/or electric installation located thereon is in a common alignment and/or horizontal plane with the upper sides of the adjoining walls (3).

4. The method according to any one of the preceding claims, characterized in that the plate shaped ceiling element (2) consists of wood, for example, a wooden plate, a plywood plate, a